Saskatchewan
Ministry of
Agriculture

Crop Report

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Crop Report for August 10, 2008

One per cent of the 2008 crop has been combined, and three per cent has been swathed or is ready to straight combine, according to Saskatchewan Agriculture's weekly crop report.

The five-year (2003-07) average is four per cent combined and eight per cent swathed or ready to straight combine at this time of year.

Harvest operations are the most advanced in the southwest, where almost three per cent of the crop is in the bin, followed by the southeast, with one per cent combined. Provincially, the fall rye and winter wheat crops are at six per cent combined, peas are at seven per cent complete and one per cent of the lentils are off.

Insects and heat and drought stress were the main sources of crop damage during the past seven days. Some severe weather rolled through the southwest on Sunday, August 10. The impact of those storms will be assessed in the next crop report.

Topsoil moisture conditions on crop, hay and pasture land declined from last week and are reported as adequate on 54 to 62 per cent of the area. The southwest and west-central regions report the highest percentage of very short moisture conditions.

1 Year Ago

Seven per cent of the 2007 crop had been combined, and 15 per cent had been swathed or was ready to straght combine.

Harvest operations were most advanced in the southwest where 21 per cent of the crop had been combined.

Ninety-four per cent of the first-cut hay crop and 18 per cent of the second-cut had been baled or made into silage.

Topsoil moisture conditions were reported as adequate on 43 per cent of the crop, hay and pasture land.

Saskatchewan Crop Insurance Corporation

August 25 - Deadline to select winterkill coverage for fall rye and winter wheat.

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Agriculture and Agri-Food Canada Agriculture et Agroalimentaire Canada

CANADA ~ SASKATCHEWAN
Crop Insurance

South eastern Saskatchewan (Crop Districts 1, 2, & 3ase)

The south eastern region was warm and dry last week. An average of 3 mm of precipitation was reported, with an average high of 9 mm, reported in Crop District (CD) 1a. Hail damage was reported in the Frobisher (light), Oxbow (light) and Stoughton (heavy) areas. Wind damage was reported in the Frobisher, Stoughton and Montmartre areas. Heat and drought stress was reported in the Lampman, Stoughton, Grenfell, Indian Head, and Minton areas. Some crops lodged in the Moosomin area.

One per cent of the 2008 south eastern crop has been combined and 3% is lying in the swath or is ready to be straight-combined. Almost one per cent of the crop has either been made into livestock feed or will not be harvested because of damage. Fall crops are furthest ahead with 9% of the winter wheat and 10% of the fall rye crop combined. Other combining progress includes 1% of the barley and 5% of the peas. In the Zehner area, most fields have crops in multiple stages of development making for future harvesting challenges.

South eastern crop yields are expected to be the highest in the province for chickpeas, and the lowest for field peas.

Topsoil moisture conditions on cropland declined this past week. Sixty-five per cent of the crop land is rated as having adequate topsoil moisture, compared with 74% last week. Conditions also declined on hay and pasture land, with 55% of land rated as having adequate topsoil moisture, compared to 71% last week. Rain is badly needed in the Moose Jaw area.

Grasshoppers caused crop damage in many areas in the region, and some spraying is underway. Other insects causing damage include aphids (Glenavon, Montmartre) and Bertha armyworms (Montmartre). Disease pressure came from glume blotch (Moosomin), tan spot (Kennedy), alternaria black spot (Montmartre), and rust (Odessa). Gophers continued to cause damage in the Moosomin area. Wild oats were a problem in the Kennedy area. The Odessa area is being overrun with crickets.

An average yield of 1.03 tons per acre was reported for brome/alfalfa hay on dry land in the south eastern region of the province.

Farmers are desiccating and cutting greenfeed. A shortage of Reglone was reported in the Weyburn area.

South western Saskatchewan (CDs 3asw, 3an, 3b, & 4)

In the southwest, it was generally hot, dry, and windy this past week. An average of 5 mm of precipitation was reported, with an average high of 12 mm reported in CD 4a. Heat and drought stress was reported across the region, and crop yields have been negatively affected. Wind damage was reported in the Bengough, Vanguard, and Tyner areas. Hail damage was reported in the Bengough, Mossbank, Admiral, and Blumenhof areas

Almost 3% of the 2008 south western crop has been combined and a further 6% is lying in the swath or is ready to be straight-combined. Almost one per cent of the crop has either been made into livestock feed or will not be harvested because of damage. Fall crops are furthest ahead with 13% of the winter wheat crop and 9% of the fall rye crop combined. Other combining progress includes 2% of the lentils and 15% of the peas. In the Ponteix area, some crops are a month away from harvest as they grow back after being hailed.

South western crop yields are expected to be the lowest in the province for spring wheat, durum, oats, barley, triticale, flax, canola, mustard, lentils, and chickpeas.

Topsoil moisture conditions on crop land declined this past week, with 39% of the land rated as having adequate topsoil moisture, compared with 46% last week. Conditions also declined on hay and pasture land, with 24% of the land rated as having adequate topsoil moisture,

compared to 34% last week. Rain is needed in the Limerick, Cadillac, Gravelbourg, Moose Jaw, and Lucky Lake areas. Farmers are hauling water in the Orkney area.

Grasshoppers caused crop damage across the region. Reporters also cited damage from sawflies (Success, Consul) and reported that some swathing is underway. Gophers continued to cause crop damage in the Fife Lake, Bengough, Lisieux, Rockglen, Glentworth, Mankota, and Webb areas. Some pea crops are rotting in the Gull Lake area where there was moderate to severe hail damage.

An average yield of 1.14 tons per acre was reported for brome/alfalfa hay in the south western region of the province.

Desiccation is underway. Reglone is sold out in the Swift Current – Gull Lake area.

East central Saskatchewan (Crop Districts 5 & 6a)

The east central region saw warm, humid weather during the past week. An average of 2 mm of precipitation was reported, with an average high of 3 mm reported in CD 5a. Hail damage was reported in the Saltcoats and Lintlaw areas. Wind damage was reported in the Humboldt and Meacham areas. Drought damage was reported in the Craik and Leroy areas.

Less than one half of one per cent of the 2008 east central crop has been combined and close to one half of one per cent is lying in swath or is ready to be straight-combined. Fall crops are furthest ahead with 2% of the winter wheat combined. One per cent of the peas have been combined. Just over one half of one per cent of the crop has either been made into livestock feed or will not be harvested because of damage.

East central yields are expected to be the highest in the province for winter wheat, triticale, flax, sunflowers, and peas. Reporters continue to mention that the crops are up to two weeks behind in development.

Topsoil has dried, with less of the crop, hay and pasture land rated as having surplus topsoil moisture this week and more rated as having short topsoil moisture. Rain is needed in the Bethune area, especially for the later-seeded crops. In the Leroy area, the lack of rain, combined with shallow-rooted crops has made visible crop damage on many fields. Some oat fields in the area may have low bushel weights.

Insect damage this past week came from aphids (Saltcoats, Quill Lake), diamondback moth larvae (Quill Lake), grasshoppers (Lumsden), Lygus bugs (Leroy), and sawflies (Leroy). Diseases included tan spot (Quill Lake) and unspecified (Young,).

An average yield of 1.34 tons per acre was reported for brome/alfalfa hay across the east central region of the province.

Desiccation of some crops has begun.

West central Saskatchewan (Crop Districts 6b & 7)

The west central region was hot and breezy this past week, with some showers. An average of 5 mm of precipitation was reported, with an average high of 6 mm reported in CD 6b. Damage from heat and drought stress was reported across the region. Some crops are burning in the Tramping Lake area. More rain is needed in several areas. Hail damage was reported in the Grandora (15 to 20%), Kerrobert (light), and Luseland areas. The Luseland area storm took the same path as a storm that went through the area a week ago. Wind damage was reported in the Cando area. Wind and rain lodged crops in the Grandora area.

Less than one half of one per cent of the 2008 west central crop has been combined and a further 3% is lying in the swath or is ready to be straight-combined. Fall crops are furthest ahead with 1% of the fall rye and winter

wheat crops combined. One per cent of the lentils have been combined. About one half of one per cent of the crop has either been made into livestock feed or will not be harvested because of damage. Reporters still mention that the crops are up to 10 days behind.

West central yields are expected to be the highest in the province for canary seed, and the lowest for winter wheat, fall rye, and sunflowers.

Topsoil moisture conditions on cropland declined, with 49% of the land rated as having adequate topsoil moisture, compared with 62% last week. Conditions also declined on hay and pasture land, with 43% of the land rated as having adequate topsoil moisture, compared to 54% last week. Pastures are becoming quite dry.

Insect damage came from diamondback moth larvae (Outlook), Bertha armyworms (Hanley), grasshoppers (Rosetown, Harris, Herschel, Biggar), and aphids (Conquest, Biggar). Mildew and some unspecified disease caused damage in the Hanley area.

An average yield of 0.86 tons per acre was reported for brome/alfalfa hay across the west central region of the province, the lowest regional average.

Desiccation of pulse crops is underway. Farmers are also making silage, cutting greenfeed, hauling bales, summerfallowing, repairing bins, and preparing equipment for harvest. A lightning storm on Friday started an abandoned farm yard on fire in the Unity area.

North eastern Saskatchewan (Crop Districts 8 & 9ae)

The north eastern region was warm and sunny during the past week, with some wind. An average of 1 mm of precipitation was reported. Wind damage was reported in the Arbourfield area. Drought stress was reported in the Tisdale, Humboldt, and Melfort areas, and yields have been negatively affected. Rain would help fill the kernels.

Less than one half of one per cent of the 2008 north eastern crop has been combined, swathed or is ready to straight combine. Fall crops are furthest ahead with 6% of the fall rye and 1/2% of the winter wheat crops combined. Less than one half of one per cent of the crop has either been made into livestock feed or will not be harvested because of damage. Reporters continue to indicate that crops are one to two weeks behind.

North eastern yields are expected to be the highest in the province for durum, oats, barley, fall rye, triticale, canola, mustard, and lentils, and the lowest for canary seed. Oats are expected to have light bushel weights in the Tisdale area due to dry weather.

Topsoil moisture conditions declined this past week, with 71% of the crop land rated as having adequate topsoil moisture, compared with 89% last week. Hay and pasture land is rated as 68% having adequate topsoil moisture, compared with 90% last week.

Alfalfa has been sprayed for bugs in the Nipawin area, and there has been some spraying for Bertha armyworms in the Paddockwood area.

An average yield of 1.39 tons per acre was reported for brome/alfalfa hay across the north eastern region of the province. This is the highest regional average reported in the province.

Crop desiccation has started.

North western Saskatchewan (Crop Districts 9aw & 9b)

The northwest was warm and wet this past week. An average of 18 mm of precipitation was reported across the region, ranging from an average low of 12 mm reported in CD 9aw, to an average high of 22 mm reported in CD 9b. Over 60 mm was reported in the Meadow Lake area where crops were lodged. Hail damage was

Saskatchewan Harvest Progress at August 10, 2008

	% In Swath or Ready to Str.Cmb.			% Combined		
	2008	2007	Average 2003-07	2008	2007	Average 2003-07
Winter wheat	14	29	19	6	35	36
Spring wheat	1	8	5	0	1	1
Durum	0	13	6	0	2	1
Oats	0	4	3	0	1	1
Barley	1	10	6	0	4	2
Fall rye	43	24	23	6	53	39
Triticale	3	25	12	0	13	9
Flax	0	1	1	0	0	0
Canola	1	25	13	0	2	1
Mustard	2	27	15	0	14	7
Sunflowers	0	0	1	0	0	0
Lentils	12	34	19	1	33	15
Peas	13	22	16	7	40	22
Canary seed	0	5	2	0	0	0
Chickpeas	0	11	5	0	6	4
Total	**3**	**15**	**8**	**1**	**7**	**4**

reported in the Hafford, Neilburg, Glaslyn, and Turtleford areas. Damage from wind and rain was reported in the Spiritwood area, and wind damage was reported in the North Battleford and Rapid View areas. The Duck Lake and St. Walburg areas had some damage from heat stress and lack of moisture.

No combining has started in the northwest. Reporters continue to indicate that crops are up to two weeks behind. Warm, dry weather is needed in northern areas where the rain was the heaviest so crops will not lodge and the ground will be able to support machinery.

North western yields are expected to be the highest in the province for spring wheat.

Topsoil moisture conditions improved with last week's rains. Seventy-nine per cent of crop land is rated as having adequate topsoil moisture, compared to 71% last week. Seventy-five per cent of the hay and pasture land is reported as having adequate topsoil moisture, compared with 72% last week.

Mould caused crop damage in the Rapid View area. Grasshoppers are damaging pastures in the Duck Lake area and crops in the North Battleford area.

An average yield of 1.06 tons per acre was reported for brome/alfalfa hay across the north western region of the province.

Crop desiccation has begun.

Growing Degree Days Above 5°C

calculations based on temperatures given by crop reporters

R.M.	Since April 1		Aug 3 - 10	Total
3	1023		114	1137
17A	903.5	*	109	1012.5
38			113.5	
43A	1074		122.8	1196.8
44	918.9	*	127.5	1046.4
68	1205.45		114.75	1320.2
72	809.4	*	99.85	909.25
73B	916.5	*		916.5
75B			112.45	
76A	966.35	*	115.85	1082.2
78A	823.5	*	111.5	935
97	992.685		103.9	1096.585
108			101.5	
111A	997.1	*	112	1109.1
123			93	
124			87.7	
125			93.5	
127			95.85	
138			120.5	
141	998.5	*	107.3	1105.8
151B	888		98.75	986.75
166	978	*	100	1078
167	898.5	*	97.5	996
186			88.35	
190B			108.3	
193	925.65	*	110.8	1036.45
221	917.45	*	95.15	1012.6
222			103.5	
246	832.25		88.5	920.75
259			100.4	
271	830.5	*	83.5	914
277	904.7	*	90.55	995.25
283	945.75	*	100.15	1045.9
285	1037		101.8	1138.8
318A	886	*	92.5	978.5
336			100	
339	857.75		90.25	948
340A			88	
343	1057.05	*	1.55	1058.6
370	860	*	98	958
379	842.9	*	93.9	936.8
397			88.5	
429B	897	*	101	998
442	853		91.5	944.5
456	725		80.5	805.5
488			90.1	
496	821.5	*	107.5	929
502	916.5		101.5	1018

* missing 1 to 7 days of data

A degree day is defined as a measure of the departure of temperature for a day from some reference temperature. They are expressed in degrees of temperature. For plant growth, a base of 5°C is generally used, although the base varies for each plant species and, in fact, varies throughout the life of the plant from germination to maturity. By accumulating degree days throughout the growing season, it is possible to forecast harvesting dates.

Weekly Rainfall Summary

(in millimeters)

for the week ending August 9, 2008

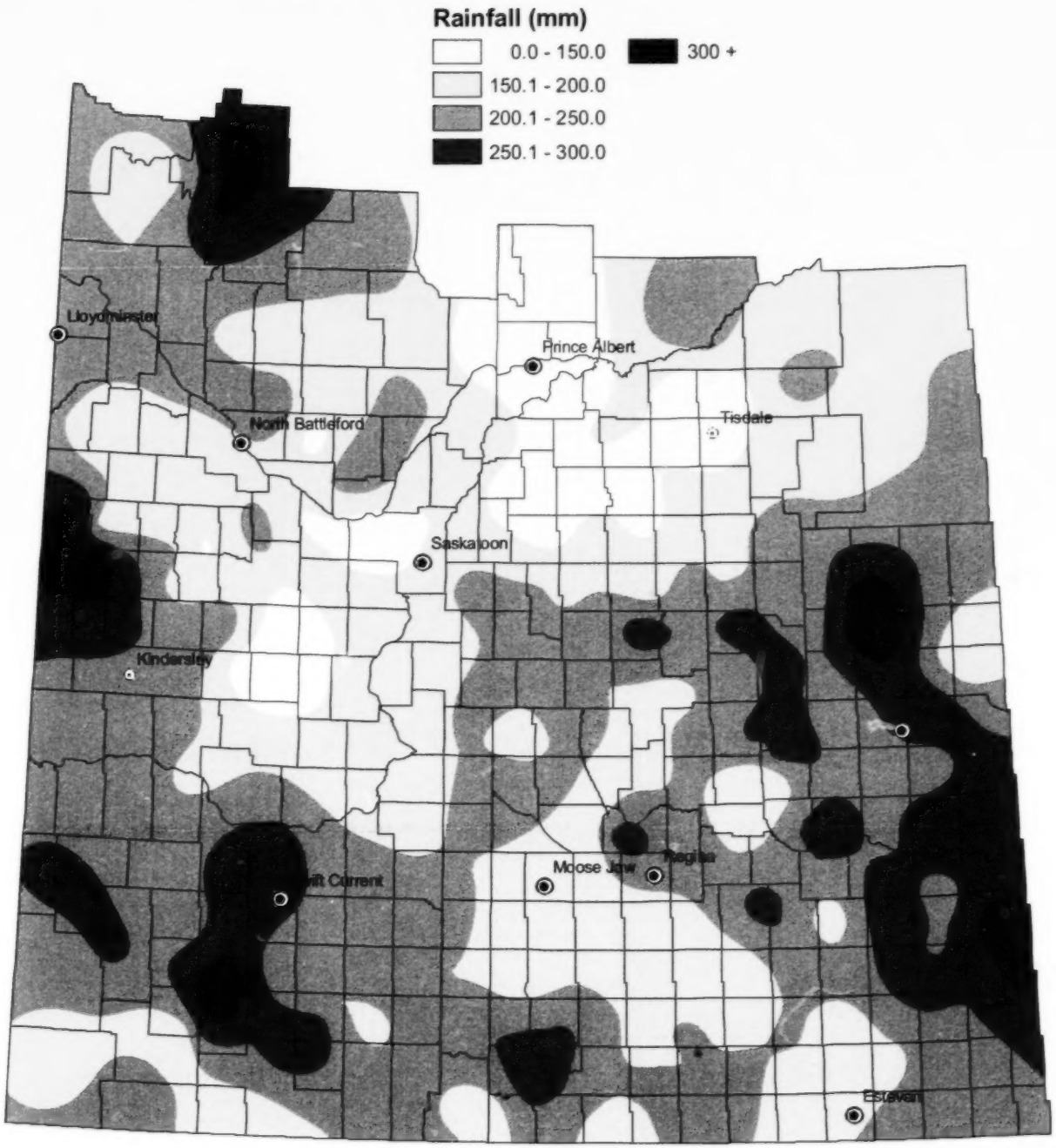
Crop Dist.	No.	Municipality Name	Past Week	Since April 1
1A	1	Argyle	17	242
	2	Mount Pleasant	3	216
	3	Enniskillen	13	242
	33 A	Moose Creek	19	209
	33 B	Moose Creek	N/A	227*
	34	Browning	NIL	178
	61	Antler	N/A	220*
	64	Brock	6	199
	65	Tecumseh	5	177
1B	91	Maryfield	15	305
	92	Walpole	1	253
	93	Wawken	5	252
	94	Hazelwood	1	284
	95	Golden West	NIL	227
	121	Moosomin	20	326
	122	Martin	20	311
	123	Silverwood	NIL	228
	124	Kingsley	NIL	289
	125	Chester	TR	180
	151 A	Rocanville	N/A	265*
	151 B	Rocanville	2	271
	153	Willowdale	NIL	248
	154	Elcapo	N/A	298*
	155	Wolseley	2	239
2A	36	Cymri	4	179
	66	Griffin	NIL	204
	67	Weyburn	NIL	194
	68	Brokenshell	NIL	180
	69	Norton	N/A	183*
	96	Fillmore	NIL	220
	97	Wellington	1	166
	99	Caledonia	N/A	187*
2B	126	Montmartre	2	243
	127	Francis	1	267
	129	Bratt's Lake	NIL	151
	131	Baildon	NIL	170
	156 A	Indian Head	NIL	218
	157	South Qu'appelle	NIL	206
	158	Edenwold	NIL	224
	160	Pense	NIL	177
	161	Moose Jaw	NIL	194
	191	Marquis	NIL	197
3ASE	9	Surprise Valley	2	210
	38 A	Laurier	NIL	260
	38 B	Laurier	1	210
	39 A	The Gap	NIL	247
	39 B	The Gap	2	191
3ASW	10	Happy Valley	NIL	193
	12	Poplar Valley	NIL	242
	40	Bengough	NIL	249
	42	Willow Bunch	NIL	223
	43 A	Old Post	NIL	196
	43 B	Old Post	N/A	165*
	44	Waverley	NIL	213
	70	Key West	NIL	240
	71 A	Excel	N/A	243*
	71 B	Excel	NIL	262
	71 C	Excel	NIL	265
	72	Lake Of The Rivers	0	204
	73 A	Stonehenge	NIL	230
	73 B	Stonehenge	N/A	248*
3AN	101	Terrell	NIL	185
	102	Lake Johnston	1	153
	103	Sutton	NIL	200
	132	Hillsborough	NIL	182
	134	Shamrock	NIL	237
	164	Chaplin	NIL	208
	193	Eyebrow	5	206
	194	Enfield	1	192
3BS	17 A	Val Marie	3	280
	17 B	Val Marie	2	152
	45	Mankota	NIL	229
	75 A	Pinto Creek	NIL	195
	75 B	Pinto Creek	NIL	197
	76 A	Auvergne	4	202
	76 B	Auvergne	13	250
	77	Wise Creek	8	256
	78 A	Grassy Creek	32	299
	78 B	Grassy Creek	17	234
	78 C	Grassy Creek	22	271
	105	Glenbain	1	217
	106	Whiska Creek	10	227
	107	Lac Pelletier	14	223
	108	Bone Creek	9	342
3BN	138	Webb	10	280
	165	Morse	N/A	257*
	166	Excelsior	2	224
	167	Sask. Landing	5	269
	168	Riverside	5	300
	226	Victory	4	163
	228 A	Lacadena	8	200
	228 B	Lacadena	3	188
	255	Coteau	N/A	89*
4A	49	White Valley	4	211
	49 A	White Valley	1	182
	51	Reno	1	179
	79	Arlington	8	199
	109	Carmichael	21	264
	110	Piapot	20	256
	111 A	Maple Creek	30	234
	111 B	Maple Creek	N/A	251*
4B	139	Gull Lake	10	225
	141	Big Stick	2	255
	142	Enterprise	NIL	257
	169	Pittville	3	230
	231	Happyland	N/A	221*
	232	Deer Forks	4	240
5A	183	Fertile Belt	NIL	291
	184	Grayson	2	244
	185	Mcleod	30	266
	186	Abernethy	NIL	248
	211	Churchbridge	3	265
	213	Saltcoats	2	237
	216 A	Tullymet	NIL	261
	216 B	Tullymet	N/A	157*
	241	Calder	N/A	195*
	243	Wallace	NIL	302
	245 A	Garry	N/A	220*
	245 B	Garry	TR	257
	246	Ituna Bon Accord	TR	246
	247	Kellross	2	254
	248	Touchwood	NIL	198
5B	271	Cote	NIL	199
	273	Sliding Hills	NIL	184
	275	Insinger	N/A	240*
	276	Foam Lake	N/A	295*
	277	Emerald	7	230
	304	Buchanan	NIL	373
	307	Elfros	4	296
	308	Big Quill	N/A	140*
	333	Clayton	N/A	274*
	335	Hazel Dell	0	231
	336	Sasman	NIL	204
	337	Lakeview	NIL	192
	338	Lakeside	NIL	221
	366	Kelvington	TR	227
	367 B	Ponass Lake	N/A	150*
6A	189	Lumsden	1	268
	190 A	Dufferin	TR	174
	190 B	Dufferin	NIL	176
	190 C	Dufferin	NIL	190
	219 B	Longlaketon	6	209
	219 C	Longlaketon	N/A	191*
	220	Mckillop	NIL	179
	221	Sarnia	0	232
	222	Craik	1	212
	251	Big Arm	N/A	223*
	252	Arm River	NIL	165
	279 A	Mount Hope	N/A	223*
	279 B	Mount Hope	NIL	182
	280	Wreford	N/A	201*
	282	Mccraney	4	221
	309	Prairie Rose	11	273
	312	Morris	NIL	204
	313	Lost River	N/A	197*
	339	Leroy	0	178
	340 A	Wolverine	10	194
	340 B	Wolverine	N/A	190*
	341	Viscount	1	190
	343	Blucher	NIL	215
6B	283	Rosedale	2	171
	284	Rudy	5	169
	285	Fertile Valley	10	160
	286	Milden	15	143
	314	Dundurn	4	175
	344	Corman Park	2	106
	345	Vanscoy	9	150
	346	Perdue	8	175
	376 A	Eagle Creek	2	141
	376 B	Eagle Creek	4	146
	403	Rosthern	N/A	156*
7A	259	Snipe Lake	3	211
	287	St. Andrews	N/A	124*
	288	Pleasant Valley	TR	145
	292	Milton	NIL	250
	317 A	Marriott	N/A	147*
	317 B	Marriott	7	123
	318 A	Mountain View	9	225
	318 B	Mountain View	TR	192
	320	Oakdale	NIL	250
	321	Prairiedale	3	258
7B	347 A	Biggar	6	209
	347 B	Biggar	7	150
	350 A	Mariposa	4	212
	350 B	Mariposa	4	184
	351	Progress	37	319
	352	Heart's Hill	NIL	307
	377	Glenside	3	174
	378 A	Rosemount	6	188
	378 B	Rosemount	NIL	210
	379	Reford	TR	146
	380	Tramping Lake	NIL	161
	381	Grass Lake	N/A	195*
	382	Eye Hill	N/A	284*
	409	Buffalo	2	188
	410	Round Valley	NIL	177
	411	Senlac	N/A	259*
8A	395	Porcupine	NIL	177
	397	Barrier Valley	TR	160
	398	Pleasantdale	NIL	149
	428	Star City	N/A	177*
	456	Arborfield	TR	205
	457	Connaught	NIL	117
	458	Willow Creek	NIL	146
	486	Moose Range	NIL	181
	487	Nipawin	NIL	190
8B	369	St. Peter	8	138
	370	Humboldt	TR	177
	371	Bayne	NIL	127
	372	Grant	1	158
	373	Aberdeen	N/A	22*
	400	Three Lakes	N/A	181*
	402	Fish Creek	1	148
	429 A	Flett's Springs	NIL	115
	429 B	Flett's Springs	NIL	190
	431	St. Louis	N/A	148*
	459	Kinistino	N/A	154*
9AE	488	Torch River	NIL	241
	520	Paddockwood	NIL	103
9AW	405	Great Bend	N/A	99*
	406	Mayfield	6	183
	435	Redberry	27	238
	436	Douglas	18	139
	463	Duck Lake	NIL	185
	464	Leask	3	207
	466	Meeting Lake	N/A	162*
	467	Round Hill	40	237
	493	Shellbrook	N/A	121*
	494	Canwood	NIL	182
	496	Spiritwood	6	190
	497	Medstead	15	185
	555	Big River	11	216
9B	438	Battle River	11	180
	440	Hillsdale	N/A	161*
	442	Manitou Lake	31	195
	498 A	Parkdale	16	198
	498 B	Parkdale	15	195
	499	Mervin	11	245
	501 A	Frenchman Butte	14	200
	501 B	Frenchman Butte	18	210
	501 C	Frenchman Butte	21	226
	502	Britannia	38	229
	561	Loon Lake	21	214
	588 A	Meadow Lake	N/A	180*
	588 B	Meadow Lake	16	178
	588 C	Meadow Lake	63	298
	588 D	Meadow Lake	12	298
	622	Beaver River	N/A	121*

These precipitation amounts represent point locations within each municipality and do not necessarily reflect the whole R.M.

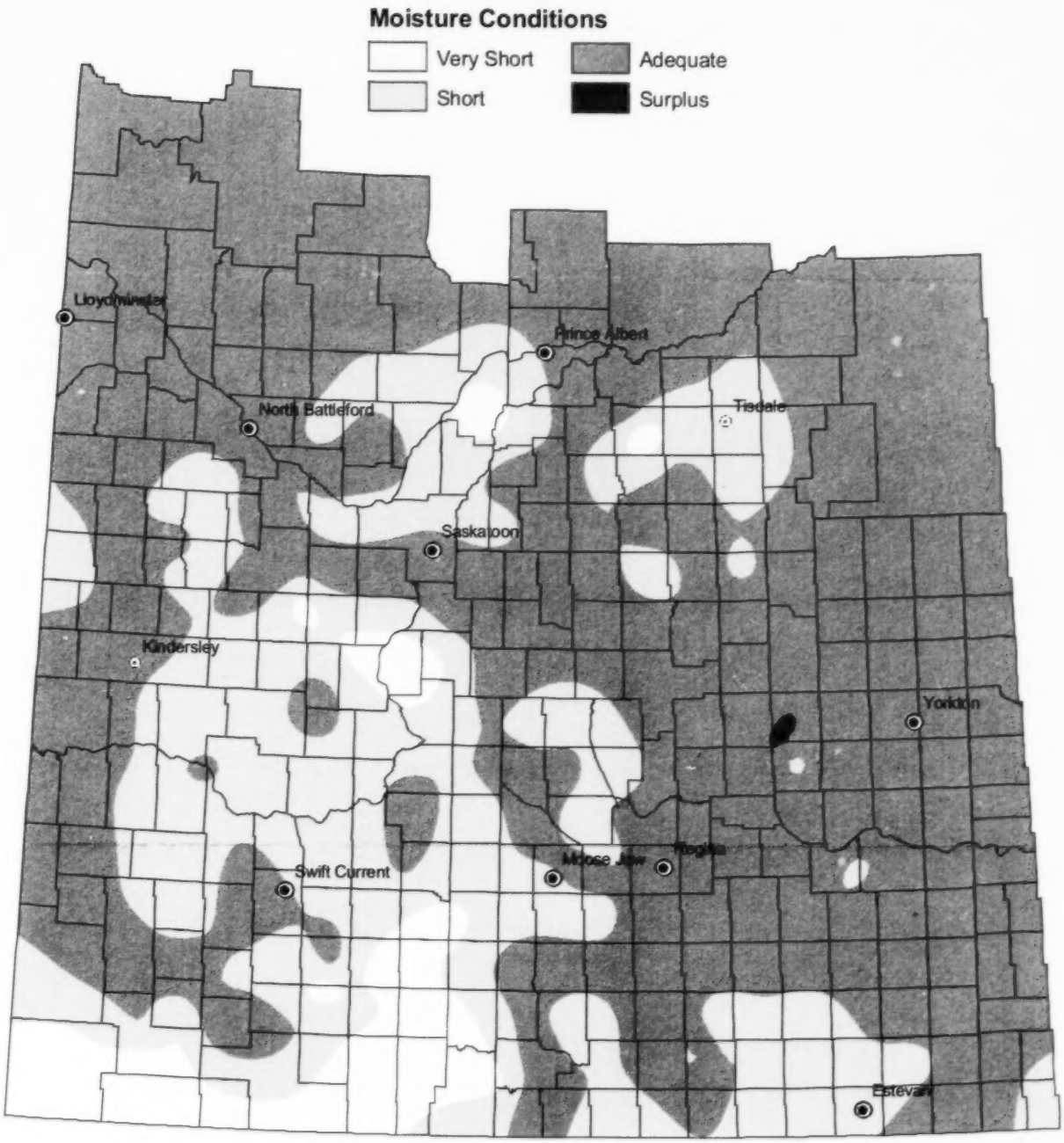
* incomplete

Municipality No: A, B, C, and D - more than one reporter

Cumulative Rainfall
From: April 1, 2008
To: August 9, 2008



Crop Land Topsoil Moisture Conditions
August 10, 2008



Crop Districts
and
Rural Municipalities